



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/524,164	12/27/2005	Jaume Terradas Prat	B31237US	2468
7590	07/17/2007		EXAMINER	
Arnold & Ferrera 2401 Fountainview Suite 630 Houston, TX 77057			RASHID, MAHBUBUR	
			ART UNIT	PAPER NUMBER
			3683	
			MAIL DATE	DELIVERY MODE
			07/17/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)
	10/524,164	PRAT ET AL.
	Examiner	Art Unit
	Mahbubur Rashid	3683

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 27 December 2005.
 2a) This action is FINAL. 2b) This action is non-final.
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-11 is/are pending in the application.
 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
 5) Claim(s) _____ is/are allowed.
 6) Claim(s) 1-11 is/are rejected.
 7) Claim(s) 11 is/are objected to.
 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
 10) The drawing(s) filed on 27 December 0205 is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>03/25/2005</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Information Disclosure Statement

1. An information disclosure statement (IDS) was submitted on 03/25/2005.

Accordingly, the examiner has considered the information disclosure statement, see attached 1449.

Specification

2. The disclosure is objected to because of the following informalities: on page 1, in line 12 and line 25 "tyres" should be "tires".

Appropriate correction is required.

Claim Rejections - 35 USC § 112

3. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claim 11 recites the limitation "the velocity" in line 4 of the claim. There is insufficient antecedent basis for this limitation in the claim.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. **Claims 1-11** are rejected under 35 U.S.C. 102(b) as being anticipated by Carmelo (DE 19829514).

Regarding **claim 1**, Carmelo discloses an operating mechanism (fig. 1, (18)) for actuating at least one parking brake, particularly for motor vehicles, comprising: a first driving unit (fig. 1, (1)) for driving a first actuating element (fig. 1, (28)); and a second driving unit (fig. 1, (2)) for driving a second actuating element (fig. 1, (30)), characterized in that the second actuating element engages said first actuating element in order to cause a relative movement of the first actuating element with respect to the second actuating element in order to tighten or to release at least one braking cable (fig. 1, (8) and (9)) for actuating of the at least one parking brake.

Re-claim 2, see the nut (fig. 1, (3) and (4)) and the spindle (fig. 1, (6) and (7)).

Re-claim 3, see the electric motor (fig. 1, (1) and (2)) and the gearbox (fig. 1).

Re-claim 4, see the driving pinion (fig. 1, "the long shafts with gear teeth that is connected with the motors (1 and 2) and the gears (28 and 30)), the support body (fig. 1, (24) and (26)) and the shaft connection (fig. 1, "the long shafts with gear teeth that is connected with the motors (1 and 2) and the gears (28 and 30)).

Re-claim 5, see the splined shaft connection (fig. 1, "the long shafts with gear teeth that is connected with the motors (1 and 2) and the gears (28 and 30)).

Re-claim 6, see the braking cable (fig. 1, (8) and (9)) connected to support bodies (fig. 1, (24) and (26)).

Re-claim 7, see page 3, paragraph 2.

Re-claim 8, see housing (fig. 1, (18) "the rectangular box").

Art Unit: 3683

6. Regarding **claim 9**, Carmelo discloses an operating mechanism (fig. 1, (18)), comprising a pair of two actuating elements (fig. 1, (28) and (30)), engaging each other in order to cause a relative movement of the actuating elements, wherein a first driving unit (fig. 1, (1)) drives a first actuating element and a second driving unit drives (fig. 1, (2)) a second actuating element, and wherein for tightening or releasing of at least one braking cable (fig. 1, (8) and (9)), and the driving units are driven with the same as well as with the opposing rotational direction (see page 2, paragraph 5).

Re-claim 10, see the driving unit (fig. 1, (1) and (2)) ((see page 3, paragraph 2).

Re-claim 11, see (page 2, paragraph 5).

Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mahbubur Rashid whose telephone number is (571) 272-7218. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Siconolfi can be reached on (571) 272-7124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

mhr


ROBERT A. SICONOLFI 7/6/07
SUPERVISORY PATENT EXAMINER